

Programming Languages Chapter 13 Discovering Computers

1. What is a third generation programming language?

A third generation programming language is a type of programming language in which a programmer writes instructions that tell the computer what to accomplish and how to do it using a series of English-like words to write instructions.

2. Give three examples of third generation languages?

Three examples of third generation languages are COBOL, Java, and C++.

3. What generation language is assembly?

2nd generation of programming language.

4. What is object oriented programming?

Object oriented programming is an item that can contain both data and the procedures that read or manipulate that data

5. Define three object oriented programming languages:

- Java- is an object-oriented programming language developed by sun Microsystems.
- C++- is an object-oriented programming language that is an extension of the C programming language.
- RAD-is a method of developing software, in which a programmer writes and implements a program in segments instead of waiting until the entire program is completed.

Page 696 Ethics and Issues: Read Is Beta Testing out of Hand?

What is Beta Testing? Would you participate in beta testing software on your pc? Why or why not? Are Software manufacturers being honest about their intentions in their beta testing? If not, in what way? Is it reasonable for software manufacturers to beta test their software for the general public? If so, for how long?

Beta Testing is testing software before it comes out to see if you encounter any problems. I would participate in beta testing software on my pc. I would do this because it helps you look at new things coming out and you can see how they work. Some are being honest and some aren't. Some are not being honest because their product might not work as well as it should. It is reasonable for software manufacturers to beta test their software to make sure it works. They should test it for a couple of months.